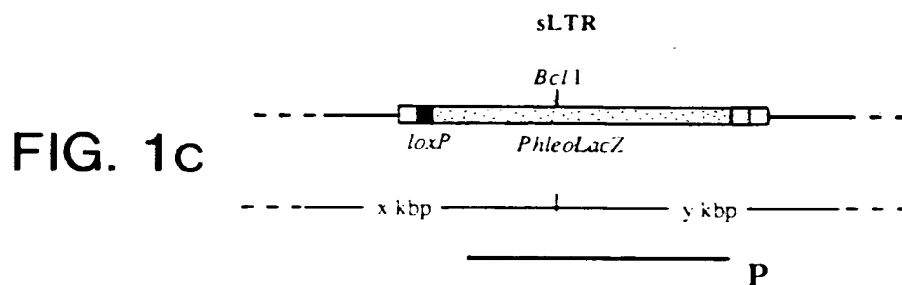
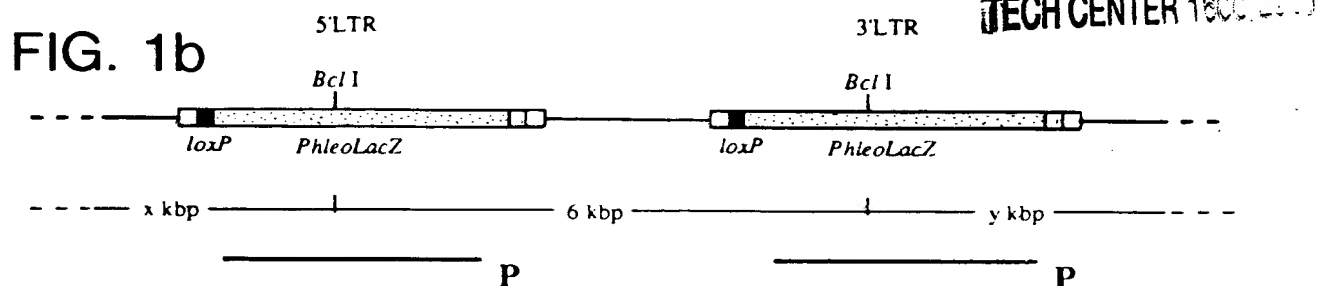
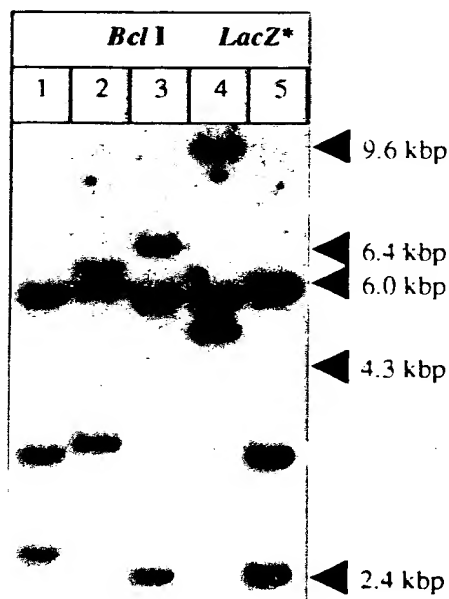


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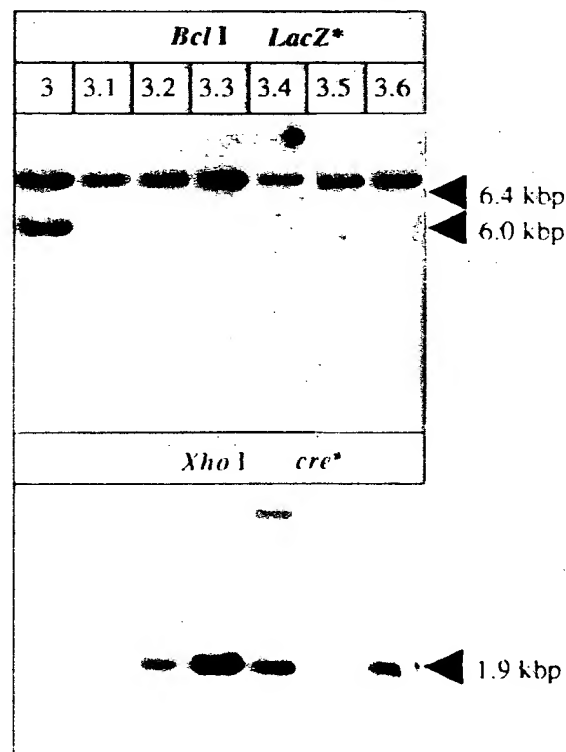


**FIG. 1d**



|  |             |                  |
|--|-------------|------------------|
|  | LTR         |                  |
|  | PhleoLacZ   | $x \geq 1.8$ kbp |
|  | loxP        | $y \geq 2.5$ kbp |
|  | Genomic DNA |                  |

**FIG. 1e**





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FIG. 2a

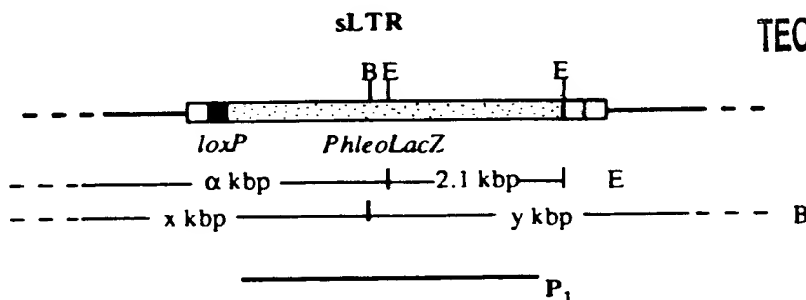


FIG. 2b

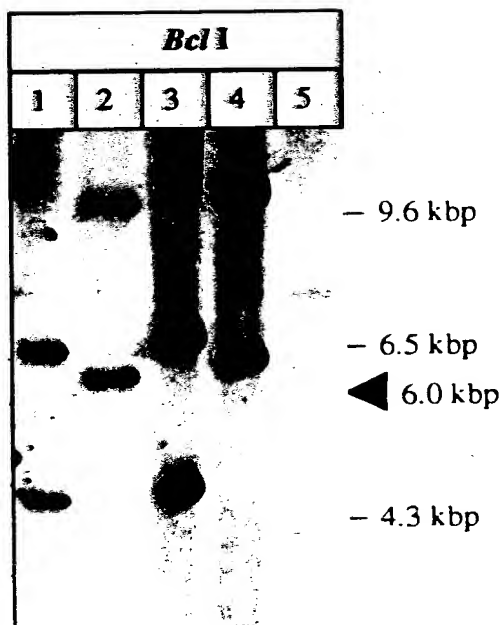
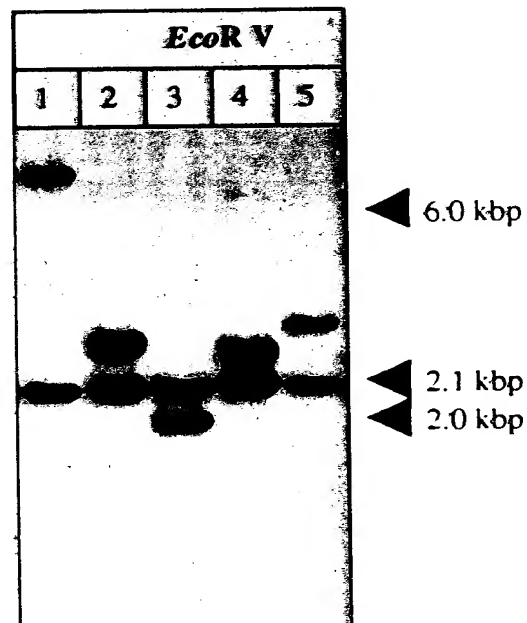
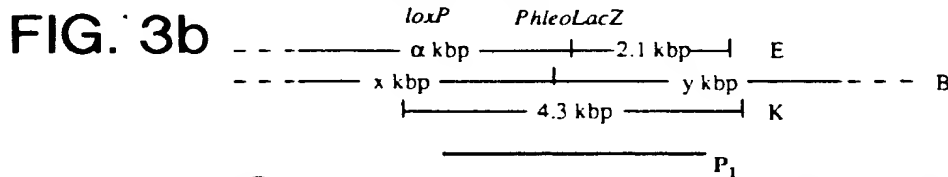
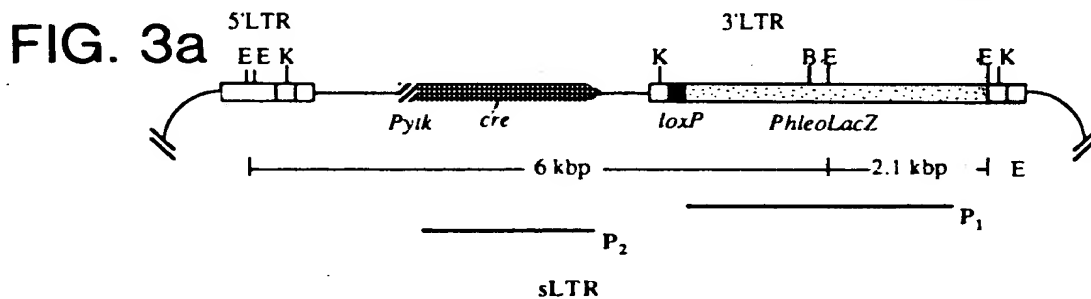


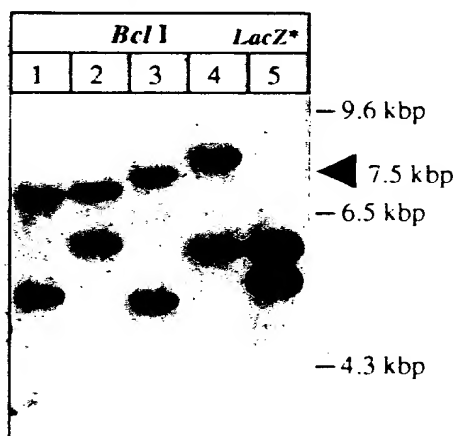
FIG. 2c



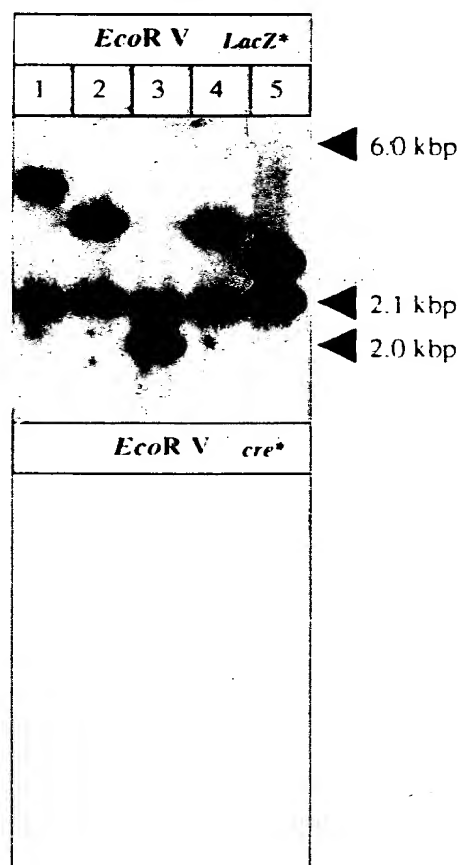
|  |                               |
|--|-------------------------------|
| <input type="checkbox"/> LTR                         |                               |
| <input checked="" type="checkbox"/> <i>PhleoLacZ</i> | E : <i>EcoR V</i>             |
| <input checked="" type="checkbox"/> <i>loxP</i>      | B : <i>Bcl I</i>              |
| — Genomic DNA  |                               |
| $x \geq 1.8 \text{ kbp}$                             | $\alpha \geq 1.9 \text{ kbp}$ |
| $y \geq 2.5 \text{ kbp}$                             |                               |



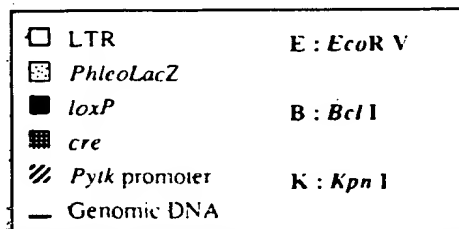
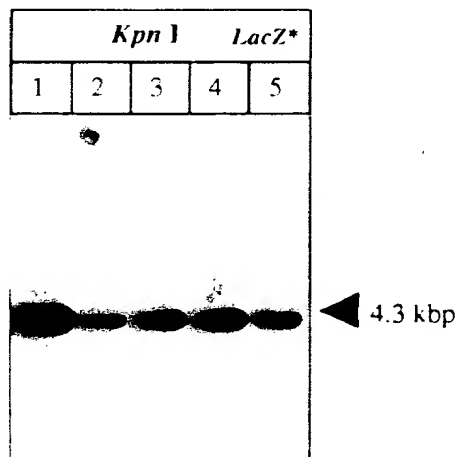
**FIG. 3c**



**FIG. 3d**



**FIG. 3e**



x ≥ 1.8 kbp  
 y ≥ 2.5 kbp

α ≥ 1.9 kbp

FIG. 4a pMCreloxPL transfected into the  $\psi$ -2 transcomplementing cell line

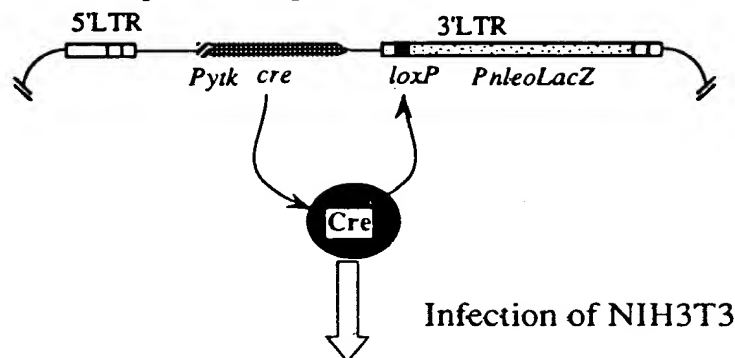


FIG. 4b MCreloxPL provirus integrated into the NIH3T3 cell line

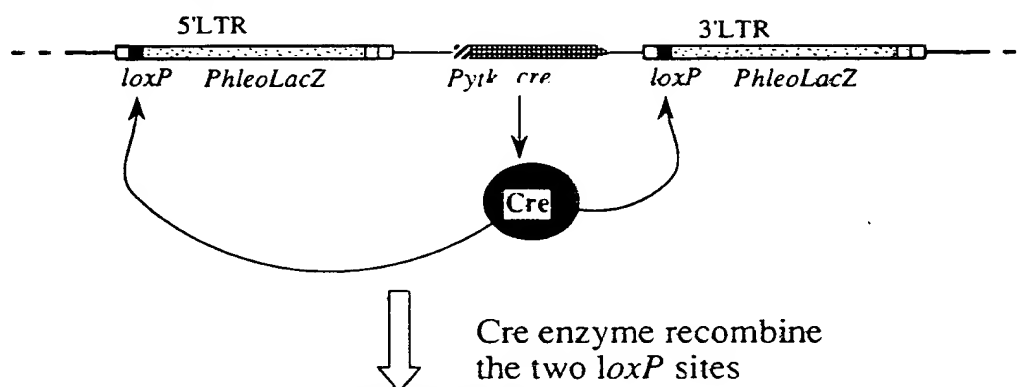


FIG. 4c

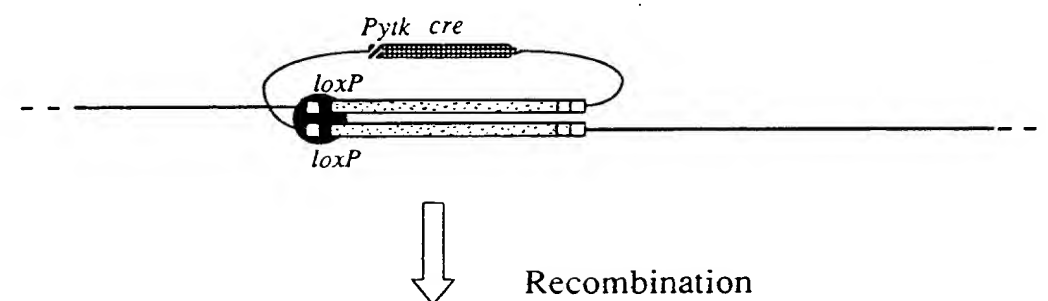
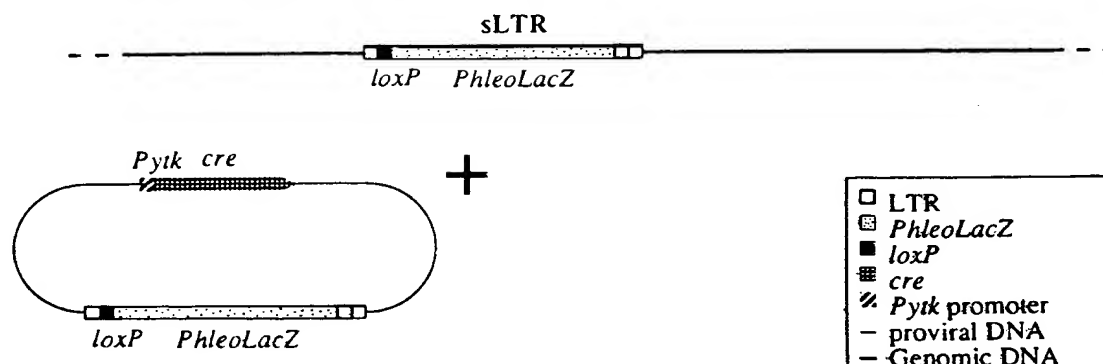









FIG. 4d The product of Cre-lox recombination is a sLTR



|   |               |
|---|---------------|
|  | LTR           |
|  | PhleoLacZ     |
|  | loxP          |
|  | cre           |
|  | Pytk promoter |
|  | proviral DNA  |
|  | Genomic DNA   |